BIRCH, STEWART, KOLASCH & BIRCH, LLP

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING

And the second

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:	RECONFIGURABLE	OPTICAL NOT	E WITH DISTRIBUTED!	SPECTRAL FILTERING						
Fill in Appropriate			hereto. If not attached her	eto, the application is identified by th	ne attorney docket	number as se				
	forth above and/or th									
Information -	The specification	was filed on		····		as				
For Use Without	United States Ap	plication Numb	er		(if applicable) and/or					
Specification	and amended on	(n abbucaose	e) and/or							
Insert Priority	the specification was filed on					_as PCI				
	International Application Number; and w									
	amended on (if applicable)									
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, \$1.56. I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than on year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows. I hereby claim foreign priority benefits under Title 35, United States Code, \$119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s)									
Information:	ALL	(Carantan)		(Month/Day/Year Filed)	☐ Yes	□ No				
(if appropriate)	(Number)	(Country)		(Month) Day/ Tear Flied)	163	MO				
	(Number)	(Country)		(Month/Day/Year Filed)	Yes	No				
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	(Number)	(Country)		(Month/Day/Year Filed)	Yes	No				
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	(Number)	(Country)		(Month/Day/Year Filed)	Yes	No				
	I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.									
Insert Provisional	60/410,996			September 16, 2002						
Application(s): (if any)	(Application Number)			(Filing Date)						
	(Application Number)	(Application Number) (Filing Date)								
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:									
hant Daminia	Country		Application Number	Date of Filing (Mon	un/ Day/ Year)					
Insert Requested Information:										
(if appropriate)										
	I hereby claim the benefit under Title 35, United States Code, \$120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, \$112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, \$1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.									
insert Prior U.S.										
Application(s):	(Application Number)		(Filing Date)	(Status - patented, p	ending, abandone	d)				
(if any)				, <u>.</u>		•				
Page 1 of 2	(Application Number)		(Filing Date)	(Status - patented, p	ending, abandone	d)				

I hereby appoint the practitioners at CUSTOMER NO. 2292 and David Soltz (Reg. # 34,731) as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 2292

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PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

all Name of First or Sole Inventor:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	D	ATE*					
Full Name of First or Sole Invenior; Insert Name of Invenior Invenior Invenior Invenior Insert Date This Document is Signed	Michael Y. FRANKEL	INVENTOR'S SIGNATURE	me s	int 16, 2003					
neert Residence	Residence (City, State & Country)		CITIZENSHIP						
neert Citizerahip -+	Baltimore, Maryland, USA		United States						
Innert Post Office Address →	MAILING ADDRESS (Complete Street Address including City, State & Country)								
	7221 Brookfalls Terrace, Baltimore, Maryland 21209, USA								
Full Name of Second Inventor, if any: and above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	D/	ATE*					
	Residence (City, State & Country)		CITIZENSHIP						
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
Fuli Name of Third Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DA	ATE*					
	Residence (City, State & Country)		CITIZENSHIP						
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
ull Name of Fourth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DA	\TE*					
	Residence (City, State & Country)		CITIZENSHIP	***					
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
ull Name of Fifth Inventor, if eny: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DAT	TE*					
	Residence (City, State & Country)		CITIZENSHIP						
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
all Nume of Sixth Inventor, if anys are above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DAT	LE,					
	Residence (City, State & Country)		CITIZENSHIP						
	MAILING ADDRESS (Complete Street Address	ss including City, State & Country)							
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*DATE OF SIGNATURE